BURNS, DOANE, SWECKER AND MATHIS LLP
A[redacted] FILING DATE: JANUARY 22, 2002
TI[redacted]-INPUT DATA PROCESSING DEVICE, DATA[redacted]
ATTORNEY DOCKET NO: 009683-393
5 SHEETS

FIG. 1

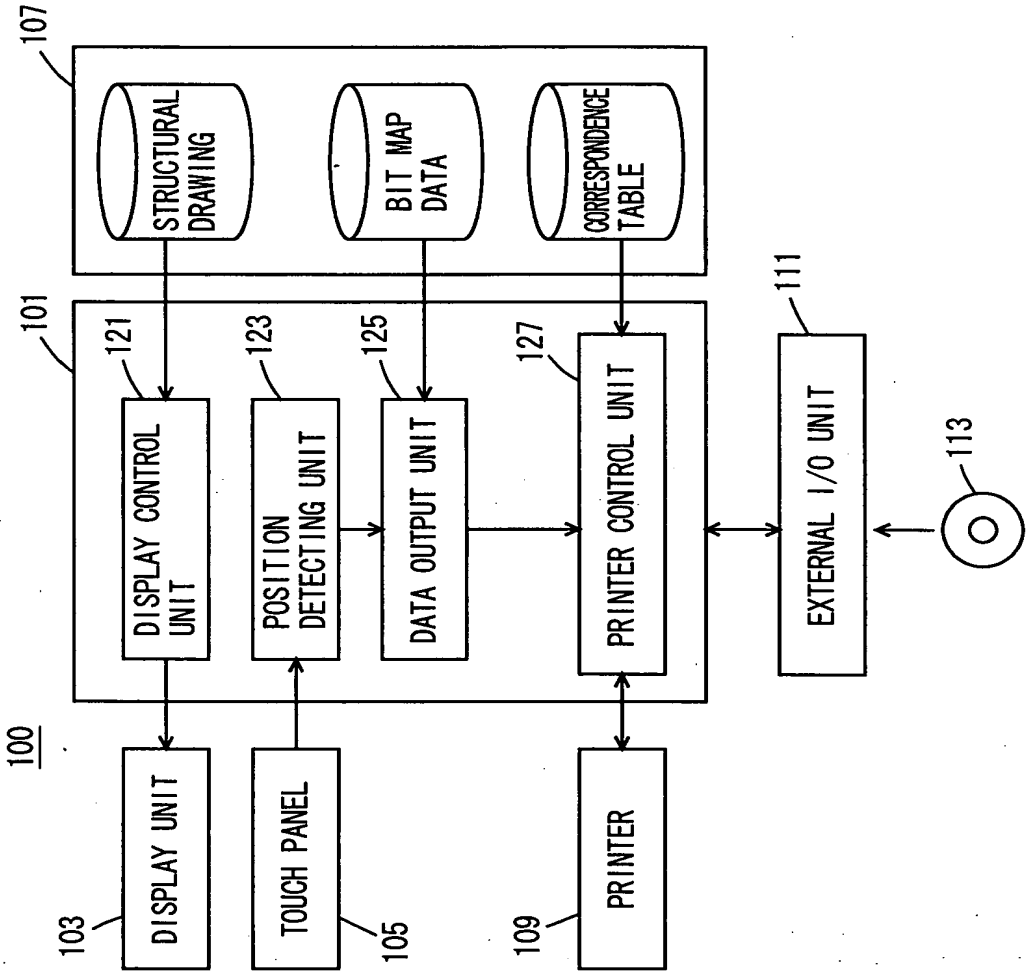


FIG. 2

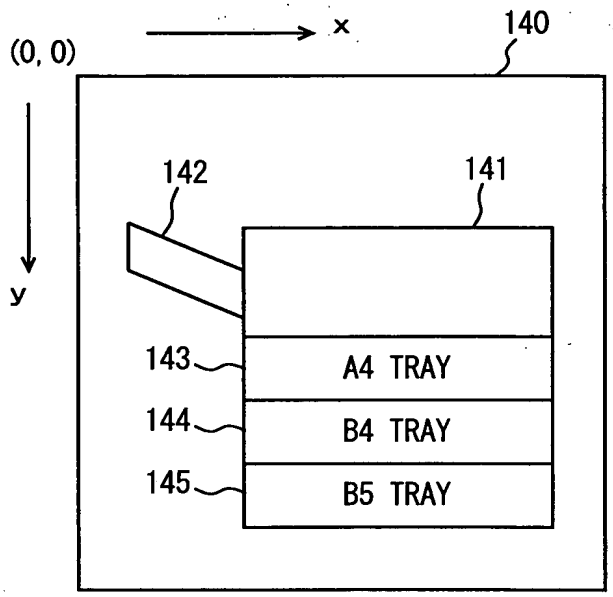

(0, 0)
x
y
140
142
141
143
A4 TRAY
144
B4 TRAY
145
B5 TRAY

FIG. 3

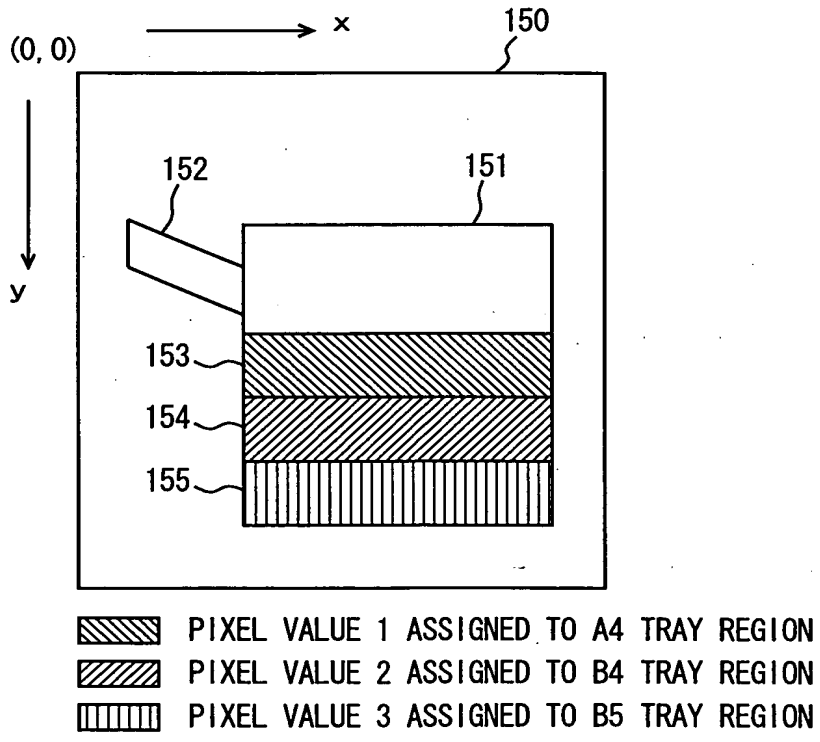

(0, 0)
x
y
150
152
151
153
154
155
PIXEL VALUE 1 ASSIGNED TO A4 TRAY REGION
PIXEL VALUE 2 ASSIGNED TO B4 TRAY REGION
PIXEL VALUE 3 ASSIGNED TO B5 TRAY REGION

FIG. 4

PIXEL VALUE	COMPONENTS
0	NONE
1	A4 TRAY
2	B4 TRAY
3	B5 TRAY

FIG. 5

PIXEL VALUE	COMPONENTS
0	NONE
1	A4 TRAY
2	B4 TRAY
3	B5 TRAY
4	STACK
5	A3 TRAY
• • • • •	• • • • •
15	

FIG. 6

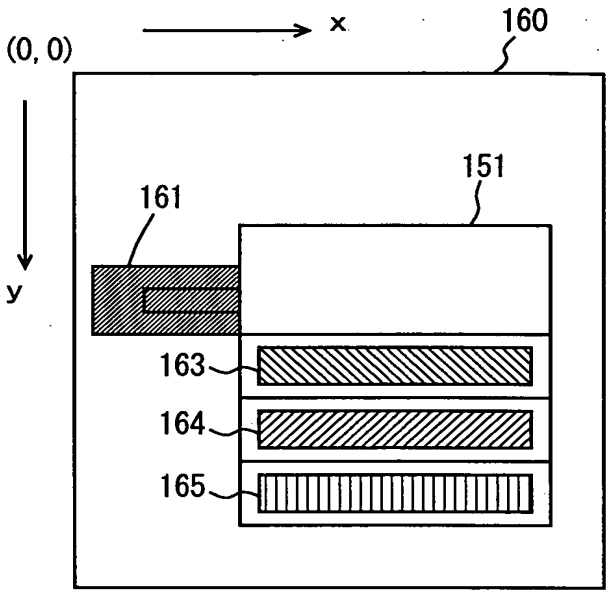

x
(0, 0)
160
151
161
y
163
164
165

FIG. 7

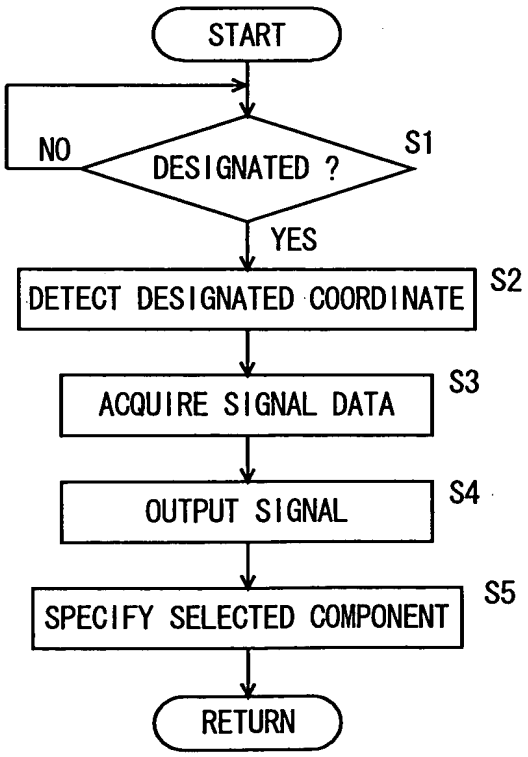
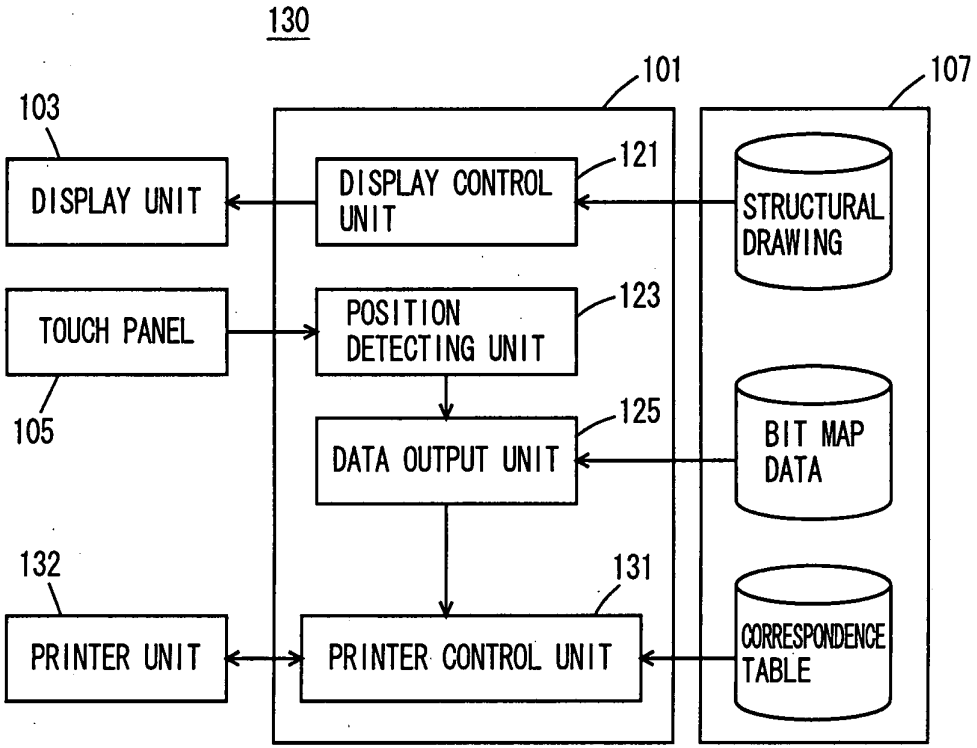

START
NO
DESIGNATED ?
S1
YES
DETECT DESIGNATED COORDINATE
S2
ACQUIRE SIGNAL DATA
S3
OUTPUT SIGNAL
S4
SPECIFY SELECTED COMPONENT
S5
RETURN

FIG. 8


130
101
107
103
DISPLAY UNIT
DISPLAY CONTROL UNIT
121
STRUCTURAL DRAWING
TOUCH PANEL
105
POSITION DETECTING UNIT
123
DATA OUTPUT UNIT
125
BIT MAP DATA
132
PRINTER UNIT
PRINTER CONTROL UNIT
131
CORRESPONDENCE TABLE